

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:6399
ANSWERED ON:08.05.2002
POLAR SATELLITE LAUNCH VEHICLE
PUTTASWAMY GOWDA

Will the Minister of SPACE be pleased to state:

(a) whether it is a fact that an optimised version of solid motor for the third stage of PSLV was successfully ground tested at the ISRO's SHAR Centre, in Sriharikota; and

(b) if so, the details thereof?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES AND
PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINISTRY OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND DEPARTMENT OF SPACE (SMT. VASUNDHARA RAJE)

(a) Yes, Sir.

(b) An optimized version of solid motor for third stage of Polar Satellite Launch Vehicle (PSLV) was successfully ground tested on March 30, 2002 at ISRO's SHAR Centre, Sriharikota in Andhra Pradesh. The performance parameters of the motor during the test were normal.

This high performance motor is planned to be used in the next PSLV flight (PSLV-C4) for Geo-synchronous Transfer Orbit (GTO) mission and is expected to increase the payload capability of PSLV in this orbit by about 70 kg.